ForNextDay(14)

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Recursive Factorial x = 5

A screenshot of a cell phone

Description automatically generated

memory: |0x7fffffffe130 - 0x7fffffffe220| = 0xF0 or 240

Iterative Factorial x = 5

A picture containing window, table, large, computer

Description automatically generated

memory: |0x7fffffffe3a0 - 0x7fffffffe220| = 0x180 or 384

Recursive Factorial x = 10

A screenshot of a cell phone

Description automatically generated

A picture containing sitting, phone

Description automatically generated

memory: |0x7fffffffe040 - 0x7fffffffe1f0| = ox1B0 or 432

Iterative Factorial x = 10

A close up of a window

Description automatically generated

memory: |0x7fffffffe3a0 - 0x7fffffffe220| = 0x180 or 384

Recursive Factorial x = 15

A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated

memory: |0x7fffffffdf50 - 0x7fffffffe220| = 2D0 or 720

Iterative Factorial x = 15

A picture containing window, large, computer, white

Description automatically generated

memory: |0x7fffffffe3a0 - 0x7fffffffe220| = 0x180 or 384

I observed the recursive solution increasing in size as more stack frames are created. While the iterative solution grows within a single stack frame.